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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled. The listing of claims will replace all prior versions, and listing of claims in the

application.

Listing of Claims

1. (Currently amended) A method for building three-dimensional objects, said

method comprising:

dispensing a first material used to form at least one the three-dimensional object

and at least part of a support structure; and

dispensing a second material used to form at least part of a the support structure [[;]]

and dispensing a release layer between said three-dimensional 3-D object and said

support structure, said second material being at least partly liquid or paste after curing.

wherein said support structure is self-supporting and comprises at least one pillar of

said first material dispensed within said second material, said pillar not being in contact with

said three-dimensional object.

2. (Original) The method of claim 1 wherein at least said first material is a photopolymer and

at least the three-dimensional object is formed after being irradiated by electromagnetic

radiation.

3. (Original) The method of claim 1 wherein said second material is a photopolymer and the

support structure is formed after being irradiated by electromagnetic radiation.

4. (Previously presented) The method of claim 1 wherein said release layer is a photopolymer

and is formed after being irradiated by electromagnetic radiation.

5.-7. (Cancelled)

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8. (Currently amended) The method of claim 1 comprising separating said support structure

and release layer from said 3-D three-dimensional object thereby to produce a three-

dimensional object comprised of said first material.

9. (Currently amended) The method according to claim 1-8[[,]] comprising subjecting said

second material support structure and release layer to a solvent or to radiation thereby to

cause causing the support structure and release layer to weaken.

10. (Cancelled).

11. (Currently amended) The method according to claim 1, where said support structure

further comprises a container formed of said first material, said container being capable of

confining said second material.

12. (Cancelled).

13. (Currently Amended) The method according to claim 12-1, further comprising

constructing at least one connecting membrane of said first material attached to said at least

one support said pillar.

14. - 20. (Cancelled)

21. (Currently Amended) A method for building three-dimensional objects, said method

comprising:

dispensing a curable build material to form the 3-D a three-dimensional

object and at least part of a support structure;

dispensing a support material to form at least part of [a]] the support

structure, the build material being solid after curing and the support material being at

least partly liquid after curing; and

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selectively dispensing [[a]] the build material to form a container capable of holding said support material, said container and said support material comprising a

support structure for said three-dimensional object.

22. (Original) The method according to claim 21, wherein said container comprises a base, a

plurality of walls and an open top.

23. (Currently amended) The method according to claim 22, wherein said container

comprises at least one nib projecting from at least one of said walls, wherein said at least one

nib is capable of restraining the movement of [[a]] the three-dimensional object.

24. (Currently amended) The method according to claim 21, wherein said container support

structure comprises a mixture of said build material and said support material within said

container.

25. (Currently amended) The method according to claim 21, wherein each of said build

material, support material and container are formed dispensed in layers.

26. - 30. (Cancelled)

31. (Currently amended) A method for building three-dimensional objects, said method

comprising:

dispensing a build material to form a three-dimensional object; and

dispensing [[a]] the build material and a second support material which in

combination form a support structure, said support structure comprising a plurality of fine

pillars which are not in contact with said three-dimensional object, said pillars being

surrounded by said second support material and separated from said three-dimensional object

by a release layer of said support material.

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32. (Currently amended) The method according to claim 31, further comprising

constructing membranes of said build material or a combination of said build material and

said support material connected to between said support pillars pillar.

33. (Currently amended) The method according to claim 31, wherein said at least one of

said pillars support pillar is comprised of said build material.

34. (Currently amended) The method according to claim 31, wherein said at least one of

said pillars support pillar is comprised of said build material and said second material.

35. (Currently amended) The method according to claim 31, wherein said at least one of

said pillars support pillar comprises a plurality of layers and wherein the a topmost layer of

said at least one support pillar is adjacent to [[an]] the three-dimensional object being

supported.

36. (Currently amended) The method according to claim 31, wherein said an upper portion of

said at least one support pillar of said pillars is tapered.

37. (Original) The method according to claim 31, wherein each of said build material, said

support second material and pillar said pillars are deposited in layers.

38. (Currently amended) The method according to claim 31, wherein the a topmost layer of

said at least one support pillar of said pillars comprises said second material.

39. (Currently amended) The method according to claim 31, wherein the a topmost layer

of said at least one support pillar of said pillars comprises a third material, said third

material being softer than the material forming the remainder of said at least one support

pillar.

40. - 60. (Cancelled)